PoE Switch

Power Over Ethernet

PoE-2010-8E-125W

8-Port PoE+ and Built-in Power Supply(125w)

Uplink

High-power PoE Switch

8x PoE Ports 10/100Mbps

Power/Extend Indicator
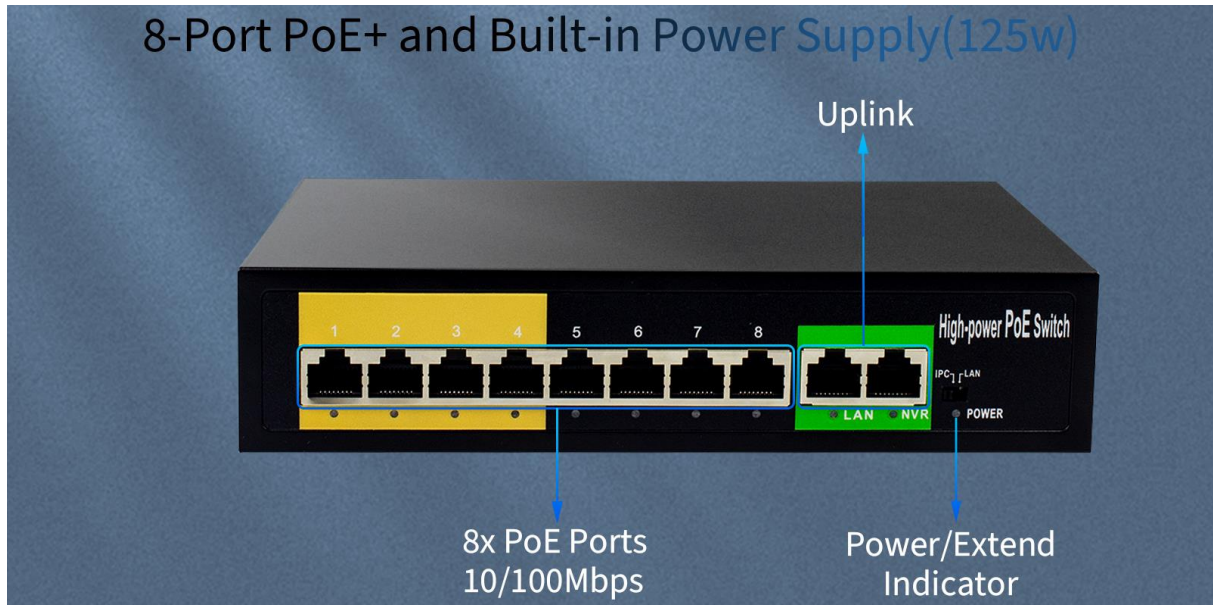
Application: Power over Ethernet wiring is safer and more convenient.

Power Over Ethernet Switch

Power Over Ethernet (P$_O$E) greatly simplifies the line deployment of IP cameras and wireless access points, requiring only a single network cable to power and transmit signals.

- Complies with 10BASE-T, 100BASE-T
- 8-Port 10/100Mbps supports 50V DC output
- 2-Port 10/100Mbps RJ45 uplink
- Complies with IEEE 802.3af/802.3at Power over Ethernet
- 125-watt POE total output power
- Half duplex flow control and full duplex back pressure mode
- All ports support 2KV lightning protection
- Support switch speed limit, extend to 250m
- RJ45 Port Auto-negotiation and auto MDI/MDI-X
- Store-and-Forward: wire-speed filtering & forwarding rates
- Supporting 2K absolute MAC addresses
- Automatic address learning and address aging
- Made of metal, wall-mount and rack-mount design

CENTRO

PoE-2010-8E-125W Make Wiring More Convenient and Safer

PoE-2010-8E-125W plug and play, 2 10/100Mbps Uplink and 8 10/100Mbps RJ45 port with PoE, support IEEE 802.3af/at

When adding network devices such IP cameras and WIFI routers in places without power, power supply is problem that must be solved.

The PoE switch can solve this problem. The PoE Switch only needs one network cable to connect the network device to transmit the signal and power supply at the same time.

The PoE-2010-8E-125W all ports support 2KV lightning protection.

Simple to use

PoE-2010-8E-125W is easy to use because no setup is required, plug and play after AC power input, All RJ45 Port 10/100Mbps auto-adaptive, and power is automatically transferred between connected devices.

The PoE-2010-8E-125W has three installation methods. It can be placed on the desktop or fixed on the rack with mounting hanging ears or hung on the wall with mounting holes. The maximum transmission distance of PoE port is 100meters at 10/100Mbps, and the transmission distance can reach 250meters when the extension switch is turned on to force 10 Mbps.

The PoE-2010-8E-125W conforms to the standard PoE protocol and will be automatically detected before power supply, so network devices without PoE can also be used, such as computers.

Switch power

PoE-2010-8E-125W enables network range extension to all POE devices that are compatible with IEEE 802.3af, which is the universal POE standard for low power network devices such as fixed IP cameras, can connect 8.

In addition, PoE-2010-8E-125W is compatible with PoE+ (IEEE 802.3at), can connect 4.

PoE-2010-8E-125W single port maximum output 30W, 1~8 ports output total power max 125W.

Numerous Applications

PoE-2010-8E-125W has a wide range of applications, such as surveillance, conference calls, WIFI coverage, etc.

PoE-2010-8E-125W is fully compatible with IP cameras, access points, IP phones, computers, printers, and more.

Use for further distance

If all your terminal devices are less than 250m from the switch installation point, you can select to turn on the extension switch to force the PoE port to 10Mbps and the maximum transmission distance to 250meters.

If your terminal equipment is too far away from the switch installation point, you can choose CENTROPOWER's PoE-EX201. For example, a 300meters(984-foot) connection between a PoE switch and a 10-watt IP camera can be achieved by installing two PoE-EX201 units on the cable at 100m intervals.

If your terminal equipment is outdoors, choose CENTROPOWER's Outdoor PoE Extender.

PoE-2010-8E-125W APPLICATION DIAGRAMS
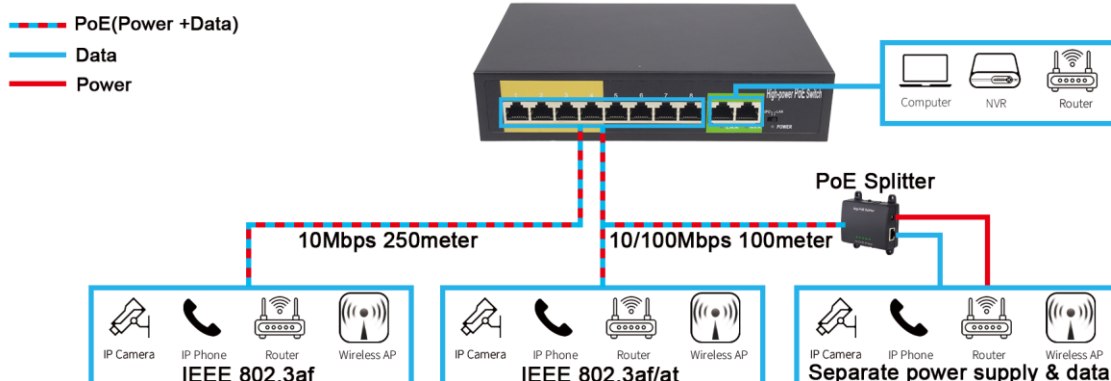
Unmanaged PoE Switch

TECHNICAL SPECIFICATION

Power Supply Voltage	AC 100-240V
Power Consumption	The device <5W, POE power supply <125W
Network Ports	1~8 Ports: 10/100Mbps Ethernet port, adaptive control 2-Port 10/100Mbps RJ45 interface for uplink
Transmission Distance	All RJ45 Port: 0~100m 1~8 PoE Port: 0~250m for 10Mbps
Transmission Media	All RJ45 Ethernet Port：Cat5e/6 standard UTP cable
PoE Agreement	IEEE 802.3af/at standards
PoE Power	Each PoE port≤30W, Whole device<125W
Network Standard	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
Swap Mode	Store-and- forward
Switch Capacity	2.0Gbps
Packet Forwarding Rate	1.488Mpps
MAC Address List	2K
Power Indicator Light	One power light (red)
Network Port Light	Green light on: The port is connecting
	Green light blinks: The port is receiving or transmitting data
	Off light: The port is not linked successfully with the device
Surge protection	All ports support 2KV lightning protection
Working Temperature	-10℃～40℃
Storage Temperature	-40℃-70℃
Humidity(non-congeal)	0~95%
Enclosure Dimensions	200mm×118mm×44mm(L*W*H)
Enclosure Color	Black
Enclosure Weight	630g

CENTROPOWER's Its products

Ethernet Series:
- PoE Switch (unmanaged or managed or industrial grade or outdoor rainproof)
- PoE Extender (indoor, outdoor waterproof and rainproof, industrial grade)
- PoE injector
- PoE splitter
- PoE/EOC converter
- Ethernet switch
- Wireless bridge
- etc.

Power Series:
- DC12V power box
- DC12V power adapter
- AC power adapter
- AC12V/24V power box
- AC-DC converter
- DC-DC converter
- 48V POE power adapter
- Switch Mode Power Supply
- Rack power supply
- etc.

OTHER:
- Video Balun (1080P, 4K, 8K)
- HDMI (split, switcher, extender, optic fiber cable)
- Cable (HDMI, VGA, DIY, HDIY, DC, coaxial, twisted pair)
- Converter (BNC, DC, RCA)
- Tools
- etc.